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April 14, 2004

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Re: Application of THIRUVENGADAM, Alagu P., et. al.
Title: METHOD FOR DIAGNOSING BIPOLAR DISORDER USING NA, K-ATPASE
REGULATON
Assignee: **FREE STATE DIAGNOSTICS, INC.**
Our Ref. A8709

Dear Sir:

Attached hereto is the application identified above comprising 78 sheets of the specification, including the claims and abstract, 15 sheets of drawings, a copy of the executed Assignment and PTO 1595 form, and a copy of the executed Declaration and Power of Attorney.

Applicant claims benefit of small entity status in accordance with 37 CFR § 1.27.

The Government filing fee is calculated as follows (**Small Entity fees apply**):

| | | | | | | | | | |
|--------------------|-----------|---|-----------|---|-----------|---|---------|---|-----------------|
| Total claims | <u>43</u> | - | <u>20</u> | = | <u>23</u> | x | \$9.00 | = | <u>\$207.00</u> |
| Independent claims | <u>5</u> | - | <u>3</u> | = | <u>2</u> | x | \$43.00 | = | <u>\$86.00</u> |
| Base Fee | | | | | | | | | <u>\$385.00</u> |

| | |
|---------------------------|------------------------|
| TOTAL FILING FEE | \$678.00 |
| Recordation of Assignment | \$40.00 |
| TOTAL FEE | <u>\$718.00</u> |

A check for the statutory filing fee of \$678.00 and Assignment recordation fee of \$40.00 is attached. The USPTO is directed and authorized to charge any required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this transmittal letter is attached.

Respectfully submitted,
SUGHRUE MION, PLLC

Attorneys for Applicant

By:

J. Timothy Meigs
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